GISAC Minutes 11-05-09

Contributed by Cindy Clark
05, Jan. 2010
Last Updated 06, Jan. 2010

GISAC -- November 5, 2009
1:30 - 3:30 PM

Water Resources Conference Room
3rd Floor
Utah Dept. of Natural Resources
1594 West North Temple
Salt Lake City, UT

Remote Sites:

Washington County Adminisstration Building
197 East Tabernacle
St. George, UT

Millard County Building
50 South Main Street
Fillmore, Utah

State & Uintah County Building
152 East 100 North
Vernal, Utah

Price Department of Natural Resources
(Southeastern Region)
319 North Carbonville Road
Price, UT

Agenda:
1.Inventory for Cadastral Data – Sean Fernandez
2.Summary of Reports from Uof U and USU on extraction of structures data using imagery – Rick Kelson
3.Update on Imagery Acquisition – Rick Kelson
4.Salt Lake Solar Potential Project – Kevin Bell and Bert Granberg
5.Proposed Geospatial Governance Structure – Jeannie Watanabe
6.Other

Of Note:
 - Steve Fletcher, State CIO, is the new President of the National Association of State CIOs
 - Bert Granberg was elected to NSGIC Board
 - Legislative Session: Jan. 25 – March 11, 2010
 - UGIC Conference: April 20-23, 2010

Next Meeting: January 14, 2010

1 - Sean Fernandez -- Inventory for Cadastral Data
 - The date for the new version of the GCDB has been pushed back
 - The BLM is trying to hurry up the work on the GCDB so that we can
   get a new edition in the SGID
 - Through last year's Cadastral funding there has been a great improvement in the GCDB and the PLSS
 - There is new Cadastral funding for 2010.
 - This funding will be used on improving the accuracy of the parcel layer
 - Sean is still working on the basic format of the contracts for this year
   The core attributes will be
      Polyshape
      Parcel ID
      Structure type
      Recorders information
 - Other attribution may be added by each county, but those attributes can be stripted before

being given to the SGID.
 - Presently there are 28 out of 29 counties with parcel data in the SGID
 - Those counties that are using the TurnGPS network with over 60 stations available are
   producing extremely good data

2 - Rick Kelson --
    Summary of reports from University of Utah and Utah State University on
    project on researching the extraction of structures data using imagery

  - Both universities tried to extract man-made features with ENVI-now an extension of ArcMap.
  - Both universities were successful in the processes but with different results
  - The results from the University of Utah had good results with the extraction process
  - The results from Utah State University did not have the good results as experienced
        by the University of Utah
  - Both universities have submitted a business plan proposal to finish this extraction
        for the entire state.
  - The use of this data will help counties and municiplalities keep track of those people
        that build houses in either very remote areas or within the urban interface with the
        forests. This extraction allows the entities to tax those structures where the structures
        may be missed

    Update on the Imagery Acquisition for 2009

High Resolution Orthophotography
 - All the imagery has been sent to the USGS for QC. We are waiting on the final QA report
        on the Wasatch Front 25cm imagery so we can start distributing it through FTP and Image
        Server. The Canyonlands and Moab imagery is already available through FTP and in the
    Image Server. Moab & Canyonlands Imagery
 - All the other 12.5cm imagery has passed the QA process and met the positional accuracy
        specs so I don’t anticipate there will be a problem with the WF imagery. The USGS should
        have the QA completed for the WF by November 20th. 12.5cm Wasatch Front area
 - Cache Co requested a Fall flight and the imagery was collected a couple of weeks ago.
    This imagery should be delivered and finalized by the end of January.
 - Sample of the 2009 High Resolution Orthophotography

    NAIP
 - All the 1 meter CCMs have been delivered but there is a problem with the color balance
        (very blue/purple). They are available for FTP download. Sample of NAIP
 - The CCMs will be redelivered in the next couple of weeks after the color is fixed.
        After this the TIFF QQ’s will be delivered and we will be able to create an image
        service. (show Weber changes)
 - For updates to these projects you can email me but the best way is to keep a watch
        on The Utah GIS Portal home page Latest Content.

  ---ARRA Stimulus Grant---
 - The USGS seeks to support cooperative projects that will result in the collection
    and processing of 1-ft orthoimagery to meet objectives of the American Recovery
        and Reinvestment Act (ARRA).
- Orthoimagery data collection under this funding opportunity is intended to augment
    existing programs and build new partnerships for the collection of leaf-off, high
        resolution data. The focus is on collaborative efforts to increase data availability
        with an emphasis on large area collections that benefit from economies of scale.
        Additional priority areas of interest for the USGS include sensitive landscapes and
        environments designated as Priority Ecosystems along with areas where Integrated
    Landscape Monitoring is in progress.
- Landscape Monitoring (ILM) Program: Integrating the Human Dimension
    The USGS ILM project harnesses the talents of scientists of from all the USGS disciplines
    to better understand and respond to ecosystem change.
- Priority Ecosystems - Mojave Desert

3 - Salt Lake Solar Potential Project – Kevin Bell and Bert Granberg

 - Demonstration on presentations -- "Ignight format"
 - A series of slides set at a specific time to advance. This keeps the presentation at a

certain length, giving time at the end of the presentation for questions.
- This type of presentation could be used to present GIS and its uses to officials that do
    not have a lot of time to spend finding out about GIS.
- Presentation on a Grant on Solar Energy Potential. Described the model used to predict
  this potential solar energy.
- Mostly looking at the demonstration of capsulating presentations to keep programs moving.

4 - There has been a new proposed structure for GISAC
  - UGIC is a great resource for the GIS community
  - Within the GPIC (Geospatial Policy Implementation Committee)
    - Executive Committee
      - Would report to the CIO
      - Enteract with the GIS Champions informally
    - Voting members of GPIC mostly the same structure as first proposed
          - Except one representative from each Regional User Group added
      - Defined the nature of the associate member, how to determine who,
            the tenure of their position on the GPIC and other determinations
      - Defined this rule by sunset of Associate Members
      - Add an Educator Associate
    - There is one key date
      - This is in March 2010
      - A basic GISAC fundamental structure needs to be developed by the
            end of the year
    - Concerns
      - How to get agencies to follow new rules from GISAC
      - What is the purpose of GISAC
          - What is the true role of GISAC in the State
      - Is GISAC really necessary to share information
  Communicate through portal
  - GPIC would be the committee that would be able to put teeth in
        standards
  - Proposed Role of GPIC
      - Coordination, Communication and Facilitation of Partnerships
      - Setting Priotities (addressing GIS issures)
       - Establishing and addopting Standards and Policies
      - Guide to Implementation of UGI Strategic Plan
    - Propose a working group to define governance structure

 Working Group--
    Don Wood
    Bert Granberg
    Monte Wells
    Debbie Ames
    Kevin Sato
    Lina Haggard
    Dave Vincent
    Jessica Kirby
    Buck Ehler
    Brandon Plewe
    Ahmad Salah

6 - Other Subjects -
Bert Granberg -
 - AGRC received a CAP grant to work on a Transportation Model improvement
 - Looking at Centerline data to assess if this will work for the state and federal requirements
 - James Wingate from Blue Stakes and Nancy Lucchetti from Washington County volunteered to work
   on this project with Bert
 - The project will need to happen quickly as the end of the grant period is mid March.
 - If you have information on this project, bring to next GISAC meeting

Next Meeting: January 14, 2010